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PRODUCTS OR MACHINERY

Quality-Scanner-IG

In modern production process of insulated glass a reliable visual inspection is indispensable to avoid cost intensive customer complaints. Present-day it is standard to trust nearly exclusive in manual inspection. But such human controls are not only extremely expensive, but also only restrictively consistent. At the same time the expectations increases to rely 100% on the quality. State of the art vision systems are today able to automate such tasks with convincing results and also displace human inspectors for other assignments.

With the Quality-Scanner-IG is now a low cost quality control system available equipped with this innovative technology. Together with the newest generation of intelligent CCD-cameras and an intuitive Windows based user interface, the Quality-Scanner-IG takes charge of a reliable In-Line quality control. Directly integrated into the production process of insulated glass, this high performance system allows to guarantee your customer a consistent and reproducible quality of the glass independent of human motivation and abilities. Simultaneously a detailed documentation and archiving of the quality is achieved which allows you to prove the exact inspection details of a specific glass unit after even several months. Furthermore the Quality-Scanner-IG offers enough potential to optimise your productivity which automatically conducts to a preventive avoidance of glass defects.

All visual defects like e.g. bubbles, scratches, stones, coating defects, tin, dirt, finger prints, foil defects, etc. larger than 0,5 mm² will be easily detected by the Quality-Scanner-IG. The user friendly Windows interface allows you to define and illustrate the exact quality settings according to the specific requirements of your customer.

The Quality-Scanner-IG which is completely integrated in the production line after the washing machine, stops rejectable glass or gives a warning signal before the glass will be further assembled. On the screen the rejected glass will be visualized in details by displaying the precise calculated defect positions within the defined quality zones. With such a detailed visualisation your employee will easily be able to immediately locate the defects on the glass. By integrating the Quality-Scanner-IG in your production line you not only gain a high performance tool for improved quality and productivity but also customer satisfaction and confidence.

Company Profile of Viprotron GmbH

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